

The diagram illustrates a polyelectrolyte complex. The top polymer chain consists of a backbone of alternating benzene and sulfone groups, with terminal SO_3^- and SO_3H groups. The bottom polymer chain is similar, but the terminal SO_3^- groups are shown interacting with the SO_3H groups of the top chain via dotted lines, representing electrostatic interactions.

A schematic diagram of a composite material. It features a matrix with diagonal hatching. Several circular inclusions are distributed within the matrix. A wavy line, labeled '2' at its left end and '3' at its right end, represents an interface. An arrow labeled '1' points towards the upper right corner of the diagram.

A diagram showing a network of cells. The cells are represented by irregular shapes with internal structures. Labels 2, 3, 4, and 5 point to different parts of the network. Label 2 points to the cell bodies, label 3 points to the processes, label 4 points to the junctions, and label 5 points to the overall network structure.

FIG. 3

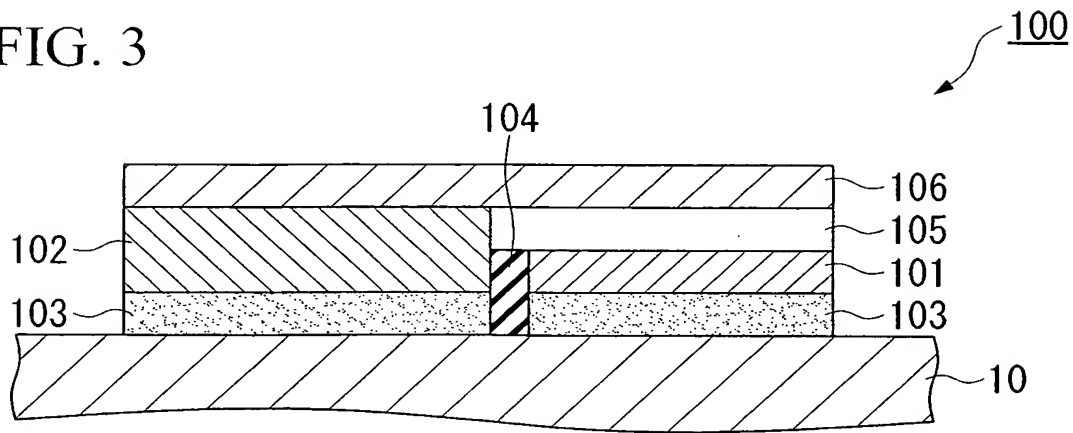


FIG. 4

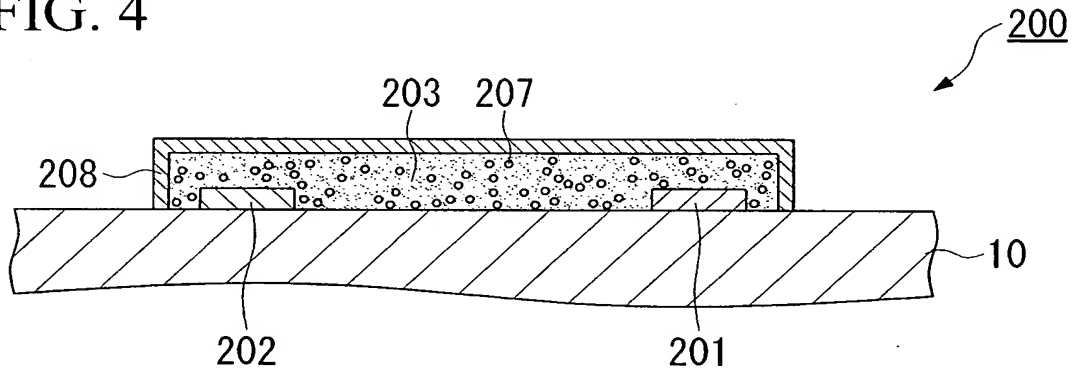


FIG. 5

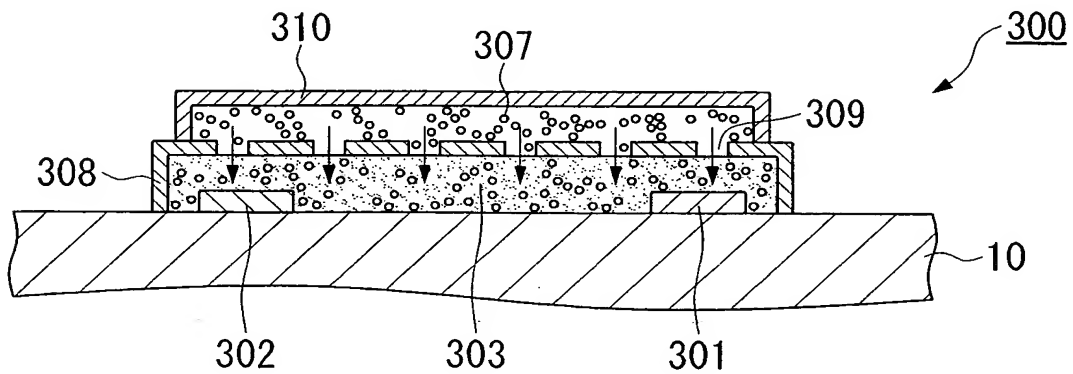


FIG. 6

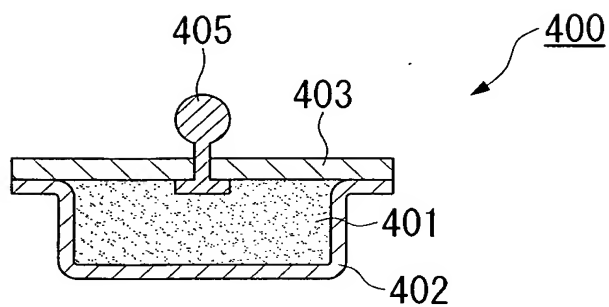


FIG. 7

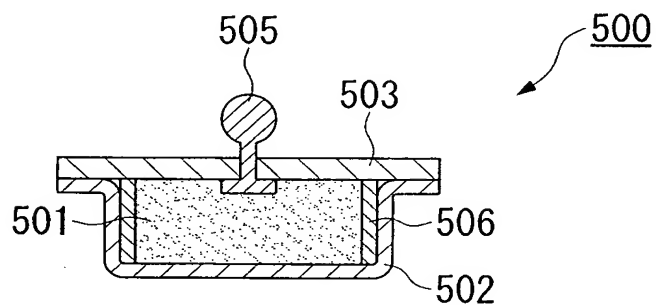


FIG. 8

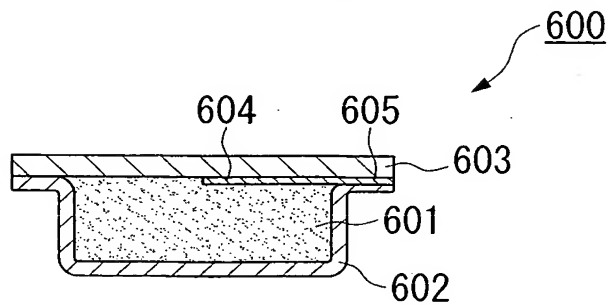


FIG. 9

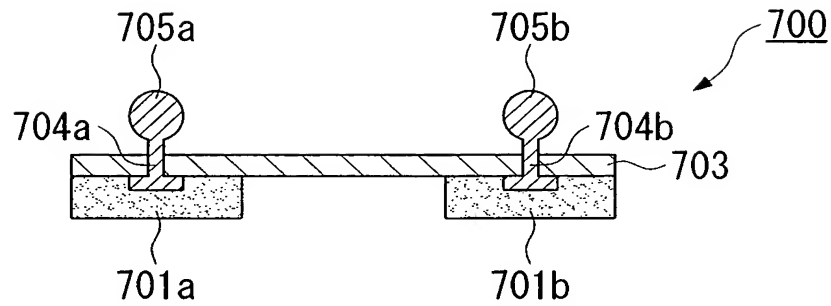


FIG. 10

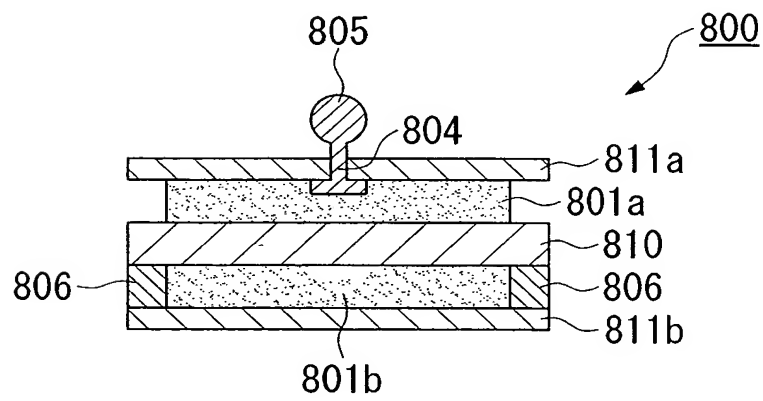


FIG. 11

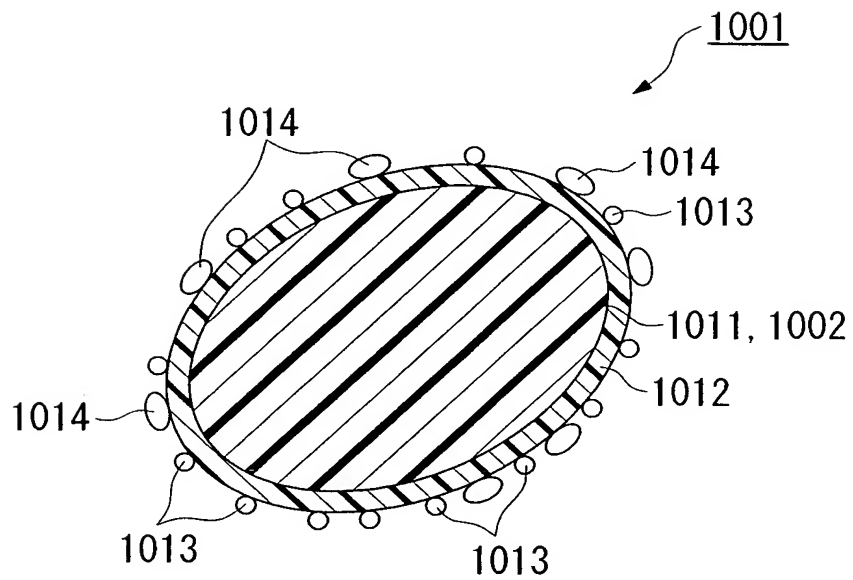


FIG. 12

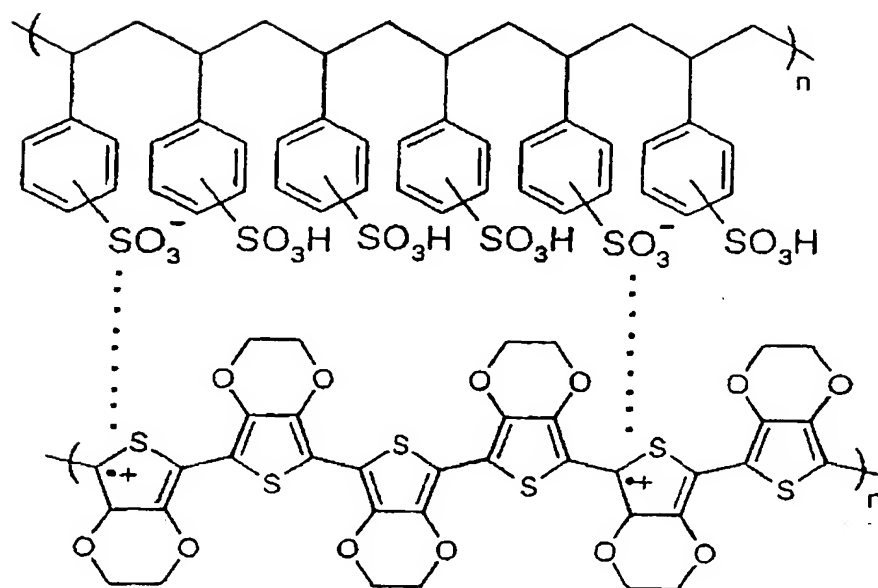


FIG. 13A

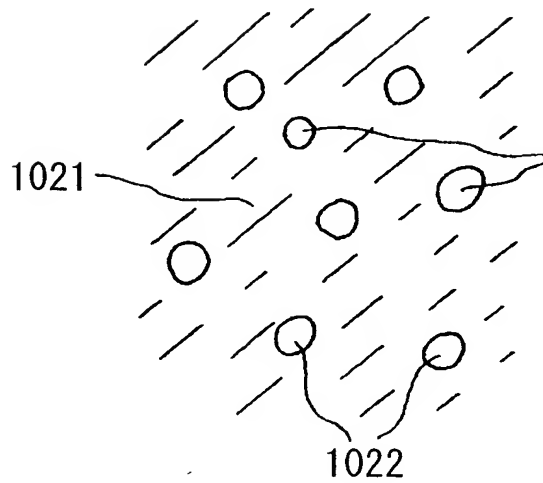


FIG. 13B

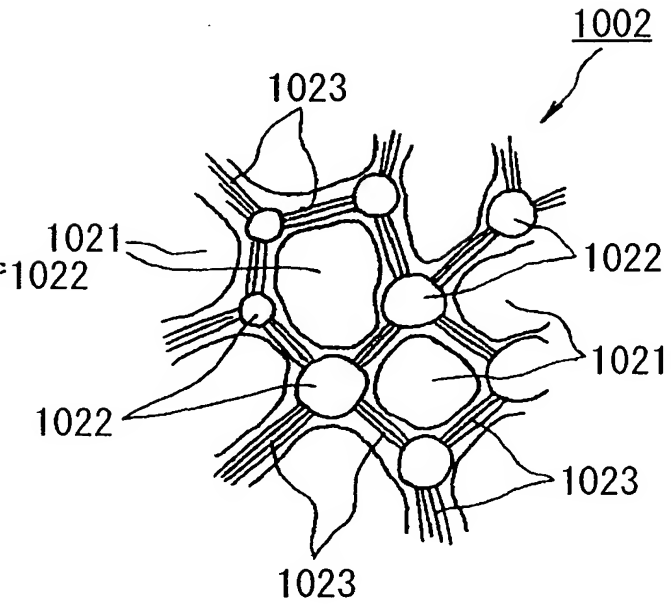


FIG. 14

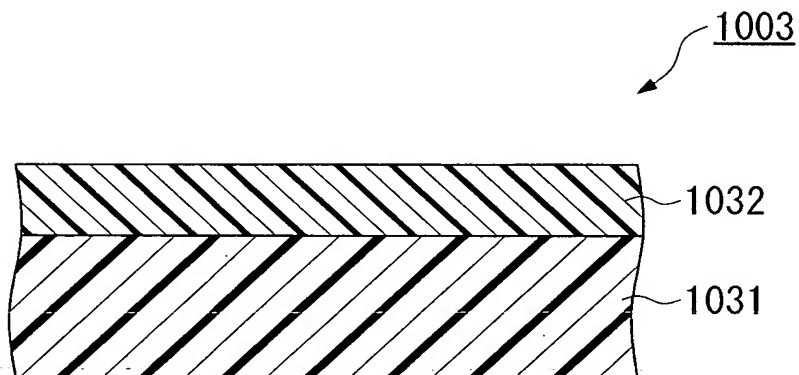


FIG. 15

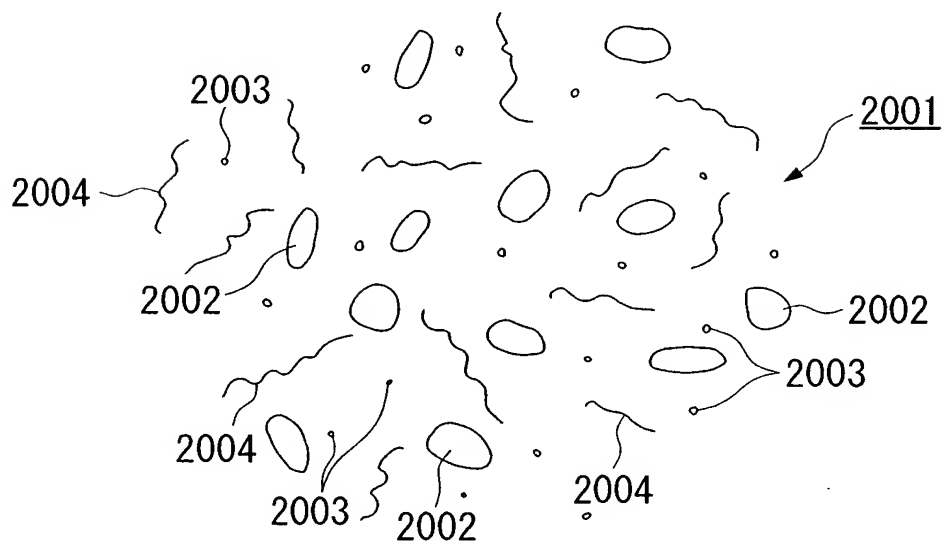


FIG. 16

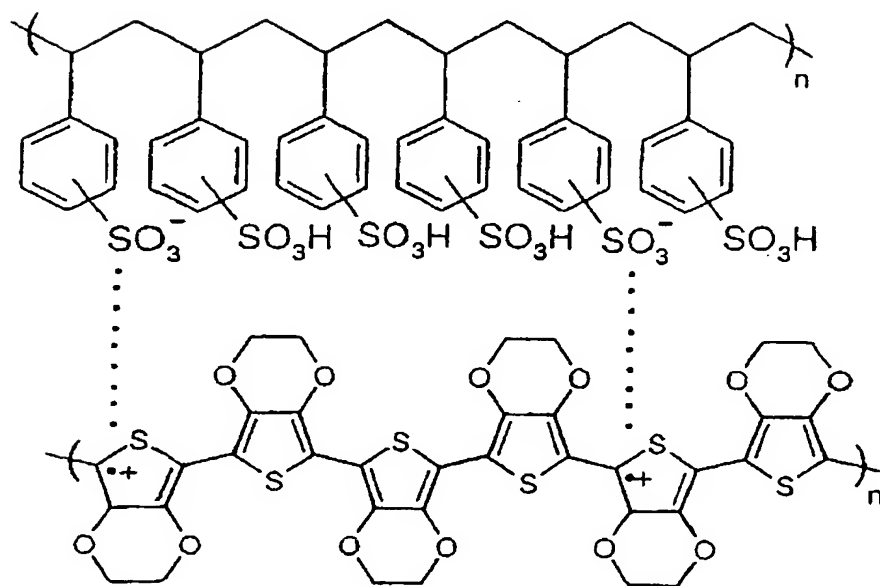


FIG. 17A

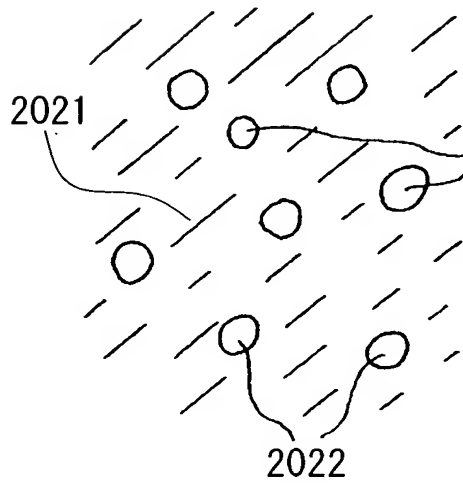


FIG. 17B

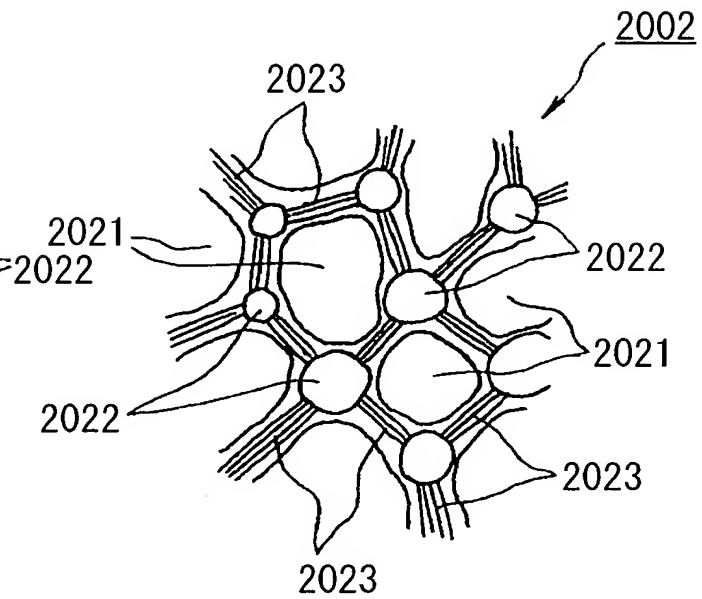


FIG. 18

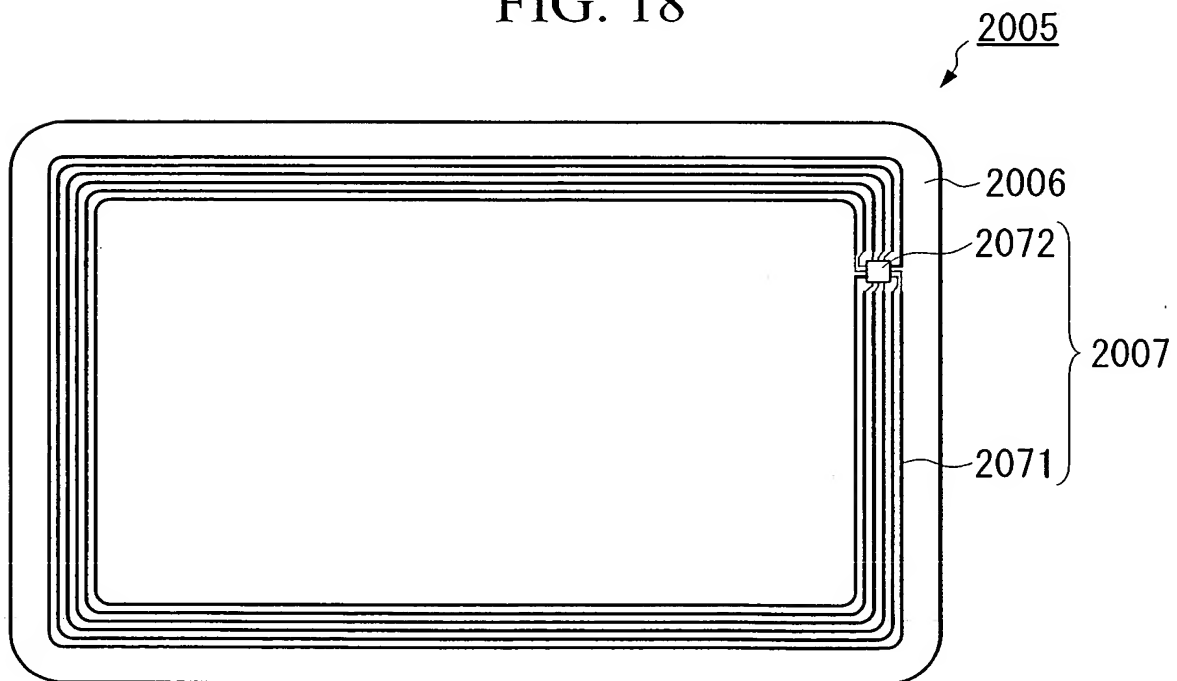


FIG. 19

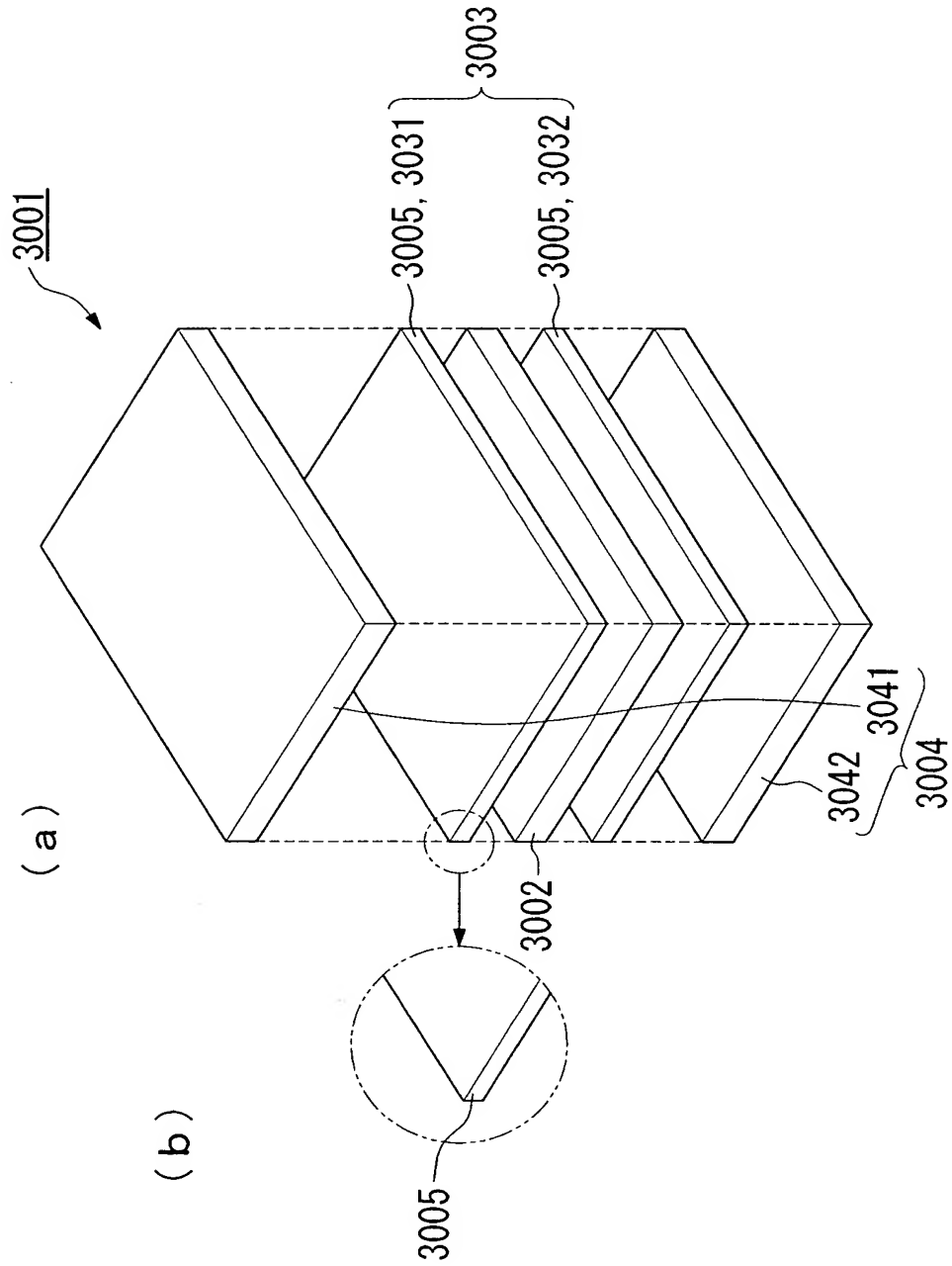


FIG. 20

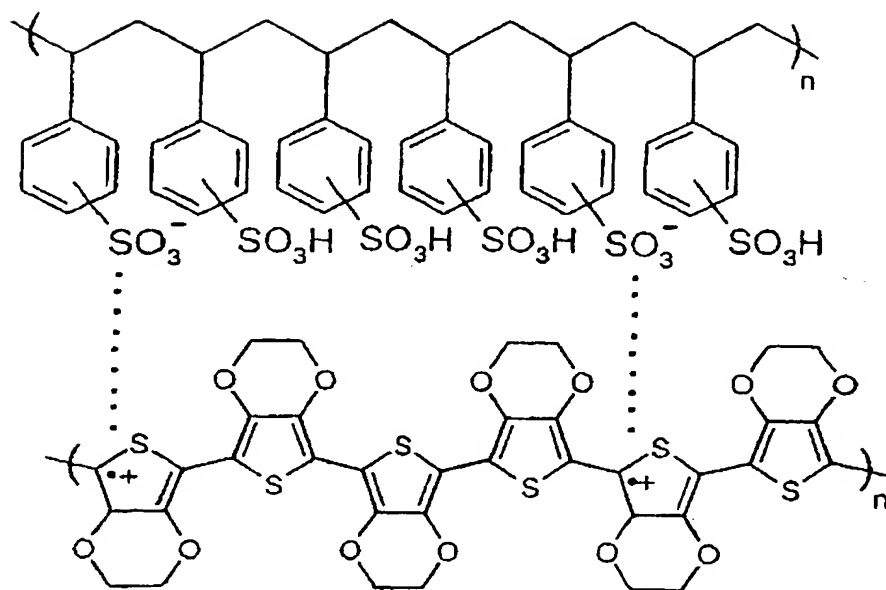


FIG. 21A

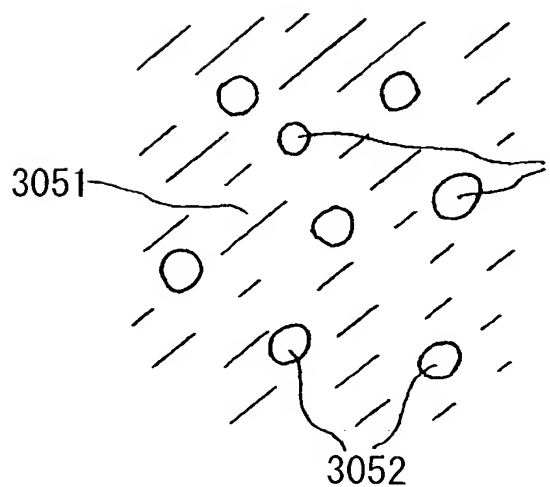


FIG. 21B

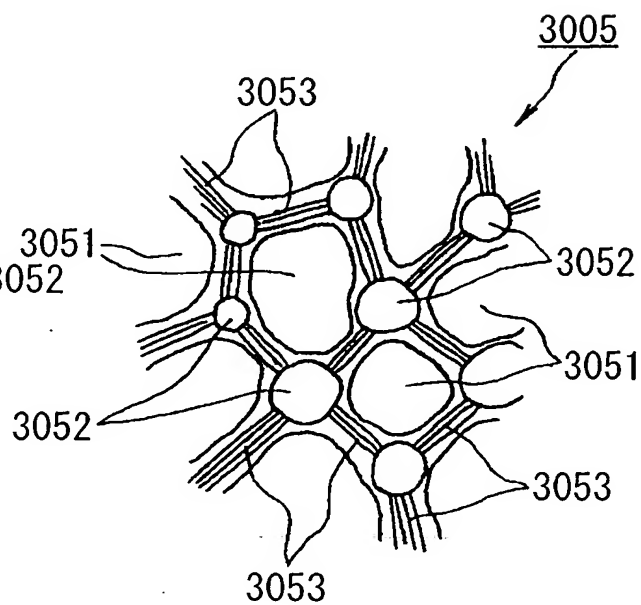


FIG. 22

